

Chapter 19

TFTPD System Log Messages

This chapter describes messages generated by the Trivial File Transfer Protocol (TFTP) process (tnp.tftpd), which services requests from hardware components for the configuration files they use during initialization.

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TFTPД_AF_ERR

System Log Message TFTPД_AF_ERR:
Unexpected address family *address-family*

Description As each hardware component on the router initializes, it requests its configuration file from the TFTP process (tnp.tftpd). The tnp.tftpd process exited because an incoming packet had the indicated, unexpected value in its address family (sockaddr) field.

Type Error: An error occurred

Severity error

TFTPД_BIND_ERR

System Log Message TFTPД_BIND_ERR:
bind: *error-message*

Description Binding of a socket to an address failed due to a system error.

Type Error: An error occurred

Severity error

TFTPД_CONNECT_ERR

System Log Message TFTPД_CONNECT_ERR:
connect: *error-message*

Description Connection of a socket to an address failed due to a system error.

Type Error: An error occurred

Severity error

TFTPД_CONNECT_INFO

System Log Message TFTPД_CONNECT_INFO:
TFTP *operation-type* from address *address* port *port* file *filename*

Description As each hardware component on the router initializes, it requests its configuration file from the TFTP process (tnp.tftpd). The process established a connection with the indicated characteristics: kind of operation (read or write), address and port connected to, and name of file transferred.

Type Event: This message reports an event, not an error

Severity info

TFTPD_CREATE_ERR

System Log Message	TFTPD_CREATE_ERR: check_space <i>error-message</i>
Description	The TFTP process (tnp.tftpd) could not create a core dump file.
Type	Error: An error occurred
Severity	error
Cause	There is probably not enough free space in the file system where tnp.tftpd tried to create the file.

TFTPD_FIO_ERR

System Log Message	TFTPD_FIO_ERR: ioctl(FIONBIO): <i>error-message</i>
Description	The TFTP process (tnp.tftpd) could not set the standard input to be nonblocking.
Type	Error: An error occurred
Severity	error

TFTPD_FORK_ERR

System Log Message	TFTPD_FORK_ERR: fork: <i>error-message</i>
Description	As each hardware component on the router initializes, it requests its configuration file from the TFTP process (tnp.tftpd). To service multiple clients simultaneously, tnp.tftpd calls the fork() system call to make a copy of itself for each request. The system call returned the indicated error.
Type	Error: An error occurred
Severity	error

TFTPD_NAK_ERR

System Log Message	TFTPD_NAK_ERR: nak error <i>error-code</i> , <i>error-string</i>
Description	The TFTP process (tnp.tftpd) sent a negative acknowledgment to a client because of the indicated error condition.
Type	Error: An error occurred
Severity	warning

TFTPD_OPEN_ERR

System Log Message	TFTPD_OPEN_ERR: Unable to open file ' <i>filename</i> ', error: <i>error-message</i>
Description	The TFTP process (tnp.tftpd) could not open the indicated file because of the indicated error.
Type	Error: An error occurred
Severity	warning

TFTPD_RECVCOMPLETE_INFO

System Log Message	TFTPD_RECVCOMPLETE_INFO: Received <i>blocks</i> blocks of <i>blocksize</i> size for file ' <i>filename</i> '
Description	The TFTP process (tnp.tftpd) received the last portion of a transmitted file. This message records the number of blocks received, the block size used, and the name of the file to which the data was written.
Type	Event: This message reports an event, not an error
Severity	info

TFTPD_RECVFROM_ERR

System Log Message	TFTPD_RECVFROM_ERR: recvfrom: <i>error-message</i>
Description	The TFTP process (tnp.tftpd) issued the recvfrom() system call when attempting to receive data from the network. The system call failed.
Type	Error: An error occurred
Severity	error

TFTPD_RECV_ERR

System Log Message	TFTPD_RECV_ERR: recv: <i>error-message</i>
Description	The TFTP process (tnp.tftpd) could not receive data from the network.
Type	Error: An error occurred
Severity	error

TFTPD_SENDCOMPLETE_INFO

System Log Message	TFTPD_SENDCOMPLETE_INFO: Sent <i>blocks</i> blocks of <i>blocksize</i> and 1 block of <i>lastblock</i> for file ' <i>filename</i> '
Description	The TFTP process (tnp.tftpd) successfully sent a file. This message records the number of blocks sent, the block size used, the size of the last block, and the name of the source file.
Type	Event: This message reports an event, not an error
Severity	info

TFTPD_SEND_ERR

System Log Message	TFTPD_SEND_ERR: send: <i>error-message</i>
Description	The TFTP process (tnp.tftpd) could not send data.
Type	Error: An error occurred
Severity	error

TFTPD_SOCKET_ERR

System Log Message	TFTPD_SOCKET_ERR: socket: <i>error-message</i>
Description	The TFTP process (tnp.tftpd) could not open a socket for data transmission or reception.
Type	Error: An error occurred
Severity	error

TFTPD_STATFS_ERR

System Log Message	TFTPD_STATFS_ERR: statfs <i>filename</i> , error: <i>error-message</i>
Description	The TFTP process (tnp.tftpd) issued the statfs() system call to obtain the status of the file system into which it needed to write a crash file. The system call failed with the indicated error.
Type	Error: An error occurred
Severity	error

